1																			
gtt	taa	tta	ccc	aag	ttt	gag	ATG	GAC	AAA	TAT	CAA	AAT	GTT	CAA	CAA	AAA	GTC	TGT	CTT
							M	D	K	Y	Q	N	V	Q	Q	K	V	C	L
61	amm	2 12111	C A III	aa2	шаа	aaa	Omm.	шаа	C 3 E	777	~~ ~ ~	ar a	aaa	3 3 TT	002	7 mm	a a m	73 73 73	aam
GTA V	GIT.	ATT.	GAT D	GGA	W	GGC	L	S	D	GAA E	Q	H	G	N N	GCA A	I	GCT A	AAA K	GCT A
v 121	V	1	ע	G	VV	G	п	D	ע	Б	Q	п	G	14	A	1	A	K	A
	ACG	CCT	ATT	ATG	GAC	AAA	CTT	TGT	TCT	GGA	AAT	TGG	CAA	AAA	TTG	GAA	GCA	CAC	GGT
K	T	P	I	M	D	K	L	C	S	G	N	W	Q	K	L	Е	A	Н	G
181																			
CTT	CAT	GTT	GGA	TTG	CCA	GAA	GGC	TTA	ATG	GGA	AAT	TCT	GAA	GTT	GGA	CAT	TTG	AAT	ATA
L	H	V	G	L	P	E	G	L	M	G	N	S	E	V	G	H	L	N	I
241																		~~~	
																GTT V	CAA	CGA R	AAC N
G 301	A	G	R	V	I	Y	Q	D	I	V	R	Ι	N	L	A	V	Q	K	IN
	TTT	GTT	ACA	TAA	CCT	CAG	ATT	GTT	GCA	TCA	GCT	GAG	CGT	GCA	AAG	AAG	GGG	AGT	GGT
E	F	V	T	N	P	Q	I	V	A	S	A	E	R	A	K	K	G	s	G
361																			
CGA	TTG	CAT	TTA	TTA	GGA	CTG	GTT	AGC	GAT	GGT	GGT	GTC	CAC	TCT	CAT	ATT	GAT	CAT	CTT
R	L	H	L	L	G	L	V	S	D	G	G	V	H	S	H	I	D	H	L
421	~~~			aam				<i>~</i> ~ ~		~~~	ama	007	220	amm.	mmo	2 000	~~~	mmm	mmm
		TTG L	ATA I	CGT R	GCA A	TTT F	AAA K		TTA L		G.I.G	P CCA	AAG K	Q.I.I.	F	ATT I	CAC H	TTT F	TTT F
F 481	A	ц	1	K	A	Г	K	Q	H	Q	V	P	K	ν	r	1	n	£	r
	GAT	GGT	CGA	GAT	ACT	TCG	CCA	ACA	AGT	GGA	GCT	GGT	TAT	CTT	GAA	CAA	CTT	CTT	CAA
A	D	G	R	D	Т	S	P	T	S	G	A	G	Y	L	E	Q	L	L	Q
541																			
TTT	ATT	GCT	TCG	GAA	AAG	TAC	GGA	GAA	TTG	GCT		ATT	ACT	GGA	CGT	TAT	TAT	GCA	
F	I	A	S	E	K	Y	G	E	L	A	Т	I	T	G	R	Y	Y	A	M
601	7.00	a v a	א א א	ת מת	TTCC	CAC	COM	חיים ע	770	א נוווער	CCT	יוי א יויי	C T C	C C N	ע שיי	Cana	GGA	CCT	א טיטי
D	AGG R	D	K	R	M	E	R	I	K	M	A	Y	E	GCA A	I	V	G	G	I
661	K	D	1.	10	**	_	10	_	IC.	1.1		•			-	٧	J	Ū	-
	CAA	AAA	GCC	ACC	GTT	GAT	AAG	GCT	GTC	GAT	GTT	GTT	AGA	GAG	CGA	TAT	GCT	CAA	TCT
G	Q	K	A	T	V	D	K	A	V	D	V	V	R	E	R	Y	A	Q	S
721																			
																			GAC
E	T	D	E	F	L	K	P	I	V	F	S	D	D	G	R	V	K	D	D
781	3 AM	OIBIN	y mm	mma	mma	חתת	ייי אייי	CCT	aam	CAM	CCT	አመረ	CCT	<i>ር</i> አ አ	א יויים	THE CHIEF	ר ר ר	ጥረነጥ	באתים
GAT D	ACT T	L	I	F	F	AAT N	Y	R	GCT A	GAT D	R	M	R	Q	I	C	E	C	TTG L
841	1		_		r	14	•	10		ע		1.1	10	×		_	_	J	-
	CTC	GAA	CGT	TAT	AAA	GAT	CTT	AAT	AGT	TCG	GTT	CCT	CAC	CCT	AAA	TAA	ATT	CAG	ATT
G			R	Y	ĸ	D	L	N	S	S	v	P	H	P	K	N	I	Q	I

901 AGT GGG ATG ACC CAA TAC AAT AAA GAG TTT CCA TTT CCA TCG TTA TTC CCA CCT GTG ACT Т 0 Y N K E F P F P S P L F CAT ACT AAT GTG CTT GCT GAA TGG CTT GCT TCT CAA GGA GTT ACT CAA TTT CAC TGT GCG L Α Е W Ŀ Α S Q G V Т 1021 GAA ACT GAG AAG TAT CCT CAT GTT ACC TTC TTC TTT AAT GGT GGT CGA GAA GTT CAA TTC Y Ρ Η V Т F F F N G G K R Ε 1081 CAA GAT GAA GAG CGT TGT ATG GTT CCG TCA CCA AAA GAA GTT GCT ACA TAT GAT TTA AAA Ε V E R С Μ v Ρ S Ρ K Α т Y ח 1141 CCA GAA ATG AAT GCT GCT GGA GTT GCC GAA AAA ATG GTC GAG CAA ATT GAG TCA GGC AGG Α Α G V Α \mathbf{E} K Μ V Ε 0 CAT CCT TTG GTT ATG TGC AAT TTT GCG CCT CCT GAC ATG GTT GGA CAT ACT GGT AAA TTT G H P \mathbf{L} V Μ С N F Α Ρ Ρ D M V Η 1261 GAA CCT GCC GTC AAA GCA TGT CAA GCT ACT GAC GAG GCA ATT GGA AAG ATA TTT GAA GCA K Α D V Α С Q Т Ε Α Ι G K I 1321 TGC CAA ACT TAT AAT TAC GTT CTT ATG GTT ACT TCC GAT CAT GGA AAT GCT GAG AAG ATG N Y V L M V Т S D Η G N 1381 ATT GCT CCC GAT GGT AGT GAA CAT ACT GCA CAT ACC TGC AAT TTG GTC CCA TTT ACT TGC I A P D G S E Η Т Α H Т С N L V P C TCT TCC AAA ACA TTT GTT TTT AAA TCG ACT CCA CCT ACT GGA GAT GAT GGC AAA GAA CGT T F V F K S T P P Т G D D 1501 GCA CGA GCC TTA CGT GAT GTT GCA CCG ACT GTT CTA CAA TTA ATG GGC TTA CCT GTA CCG R D V Α Ρ Т V L 0 L М G 1561 CCG GAG ATG GAT GGC GTT CCT TTA CTT GAA CAG AGA GGA TAA gaa gtt aat tga caa tag \mathbf{E} M D G V P Ŀ L E Q R G gaa ata aat atg agc tgc tat tac aag caa ttt taa aaa ttt tag taa aac gag taa ttt 1681

ttg ata tat aca tat tta gaa atc tcc gtt ata aaa att

Met phe val ala leu gly ala gln ile tyr arg gln tyr phe gly arg arg gly met ala met ala asn asn ser ser val ala asn lys val cys leu ile val ile asp gly trp gly 41 val ser glu asp pro tyr gly asn ala ile leu asn ala qln thr pro val met asp lys leu cys ser gly asn trp ala gln ile glu ala his gly leu his val gly leu pro glu gly leu met gly asn ser glu val gly his leu asn ile gly ala gly arg val ile tyr 101 gln asp ile val arg ile asn leu ala val lys asn asn lys phe val thr asn glu ser 121 leu val asp ala cys asp arg ala lys asn gly asn gly arg leu his leu ala gly leu val ser asp gly gly val his ser his ile asp his met phe ala leu val lys ala ile 161 lys glu leu gly val pro glu leu tyr leu his phe tyr gly asp gly arg asp thr ser 181 pro asn ser gly val gly phe leu glu gln thr leu glu phe leu glu lys thr thr gly tyr gly lys leu ala thr val val gly arg tyr tyr ala met asp arg asp asn arg trp 221 glu arg ile asn val ala tyr glu ala met ile gly gly val gly glu thr ser asp glu ala gly val val glu val val arg lys arg tyr ala ala asp glu thr asp glu phe leu lys pro ile ile leu gln gly glu lys gly arg val gln asn asp asp thr ile ile phe phe asp tyr arg ala asp arg met arg glu ile ser ala ala met gly met asp arg tyr 301 lys asp cys asn ser lys leu ala his pro ser asn leu gln val tyr gly met thr gln tyr lys ala glu phe pro phe lys ser leu phe pro pro ala ser asn lys asn val leu 341 ala glu trp leu ala glu gln lys val ser gln phe his cys ala glu thr glu lys tyr ala his val thr phe phe asn gly gly leu glu lys gln phe glu gly glu arg cys leu val pro ser pro lys val ala thr tyr asp leu gln pro glu met ser ala ala gly val ala asp lys met ile glu gln leu glu ala gly thr his pro phe ile met cys 421 asn phe ala pro pro asp met val gly his thr gly val tyr glu ala ala val lys ala cys glu ala thr asp ile ala ile gly arg ile tyr glu ala thr gln lys his gly tyr

ser leu met val thr ala asp his gly asn ala glu lys met lys ala pro asp gly gly 481
lys his thr ala his thr cys tyr arg val pro leu thr leu ser his pro gly phe lys 501
phe val asp pro ala asp arg his pro ala leu cys asp val ala pro thr val leu ala 521
ile met gly leu pro gln pro ala glu met thr gly val ser ile val gln lys ile

- 1 M. incognita PGM
- 2 C.elegans PGM

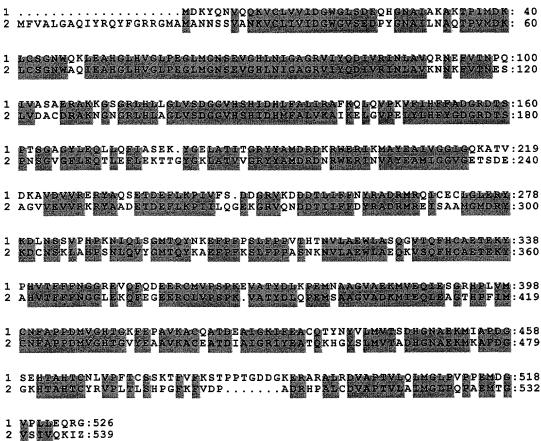


FIGURE 3